| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| S20<br>3 | 248  | ((crystal or crystalline) near5<br>(piezo-electric or piezoelectric)<br>near5 quartz near5 (monocrystal<br>or monocrystalline or (single near<br>crystal) or (single near<br>crystalline)))    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/01/27 16:25 |
| S20<br>4 | 335  | ((crystal or crystalline) near10<br>(piezo-electric or piezoelectric)<br>near10 quartz near10<br>(monocrystal or monocrystalline or<br>(single near crystal) or (single<br>near crystalline))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/01/27 16:25 |
| S20<br>5 | 310  | (single near crystal near quartz)<br>and piezoelectric   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:36 |
| S20<br>6 | 1    | (single near crystal near quartz)<br>and piezoelectric and (isotope or<br>isotopic or isotopically)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:37 |
| S20<br>7 | 5    | (single near crystal near quartz)<br>and (isotope or isotopic or<br>isotopically)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:37 |
| S20<br>8 | 2951 | (quartz) and (isotope or isotopic or isotopically)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:38 |
| S20<br>9 | 163  | (quartz) and (isotope or isotopic<br>or isotopically) near2 (enrich or<br>enriching or enriched or<br>enrichment)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:38 |
| S21<br>0 | 163  | (quartz) and ((isotope or isotopic<br>or isotopically) near2 (enrich or<br>enriching or enriched or<br>enrichment))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:38 |
| S21<br>1 | 35   | (quartz) and ((isotope or isotopic<br>or isotopically) near2 (enrich or<br>enriching or enriched or<br>enrichment)).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/02/15 12:38 |

| S21<br>2 | 2 | (quartz).clm. and ((isotope or isotopic or isotopically) near2 (enrich or enriching or enriched or enrichment)).clm.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:38 |
|----------|---|--|---|----|----|------------------|
| S21<br>3 | 0 | (quartz).clm. and ((isotope or<br>isotopic or isotopically) near2<br>(enrich or enriching or enriched or<br>enrichment)).clm. and<br>piezoelectric | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:38 |
| S21<br>4 | 0 | (quartz).clm. and ((isotope or isotopic or isotopically) near2 (enrich or enriching or enriched or enrichment)) and piezoelectric                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:38 |
| S21<br>5 | 7 | (quartz) and ((isotope or isotopic<br>or isotopically) near2 (enrich or<br>enriching or enriched or<br>enrichment)) and piezoelectric              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:39 |
| S21<br>6 | 8 | (quartz) and ((isotope or isotopic<br>or isotopically) near5 (enrich or<br>enriching or enriched or<br>enrichment)) and piezoelectric              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:39 |
| S21<br>7 | 2 | (quartz) and ((isotope or isotopic<br>or isotopically) near5 (enrich or<br>enriching or enriched or<br>enrichment)).clm. and<br>piezoelectric      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:40 |
| S21<br>8 | 1 | (quartz) and ((isotope or isotopic or isotopically) near5 (enrich or enriching or enriched or enrichment)).clm. and piezoelectric.clm.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:40 |
| S21<br>9 | 2 | (quartz) and ((isotope or isotopic<br>or isotopically) near5 (enrich or<br>enriching or enriched or<br>enrichment)).clm. and<br>piezoelectric      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:40 |
| S22<br>0 | 3 | (isotopically near enriched near piezoelectric)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |
| S22<br>1 | 3 | ((isotop or isotopic or isotopically)<br>near (enriching or enrich or<br>enrichment or enriched) near<br>piezoelectric)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |

| S22<br>2 | 3   | ((isotop or isotopic or isotopically)<br>near2 (enriching or enrich or<br>enrichment or enriched) near2<br>piezoelectric)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |
|----------|-----|---|---|----|----|------------------|
| 522<br>3 | 3   | ((isotop or isotopic or isotopically)<br>near5 (enriching or enrich or<br>enrichment or enriched) near5<br>piezoelectric)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |
| S22<br>4 | 3   | ((isotope or isotopic or isotopically) near5 (enriching or enrich or enrichment or enriched) near5 piezoelectric)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |
| 522<br>5 | 3   | ((isotope or isotopic or<br>isotopically) near10 (enriching or<br>enrich or enrichment or enriched)<br>near5 piezoelectric) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |
| S22<br>6 | 3   | ((isotope or isotopic or isotopically) near10 (enriching or enrich or enrichment or enriched) near10 piezoelectric)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:41 |
| 522<br>7 | 3   | ((isotope or isotopic or<br>isotopically) with (enriching or<br>enrich or enrichment or enriched)<br>near10 piezoelectric)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:42 |
| S22<br>8 | 3   | ((isotope or isotopic or<br>isotopically) with (enriching or<br>enrich or enrichment or enriched)<br>with piezoelectric)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:42 |
| 522<br>9 | 3   | ((isotope or isotopic or<br>isotopically) same (enriching or<br>enrich or enrichment or enriched)<br>with piezoelectric)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:42 |
| S23<br>0 | 4   | ((isotope or isotopic or isotopically) same (enriching or enrich or enrichment or enriched) same piezoelectric)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:42 |
| S23<br>1 | 342 | (piezoelectric near10 single near10 crystal near10 quartz)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:43 |

| S23<br>2 | 32  | (piezoelectric near10 single near10 crystal near10 quartz).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:43 |
|----------|-----|--|---|----|----|------------------|
| S23<br>3 | 21  | (piezoelectric near5 single near5 crystal near5 quartz).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:43 |
| S23<br>4 | 8   | (piezoelectric near2 single near2<br>crystal near2 quartz).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:43 |
| S23<br>5 | 126 | (piezoelectric near2 single near2<br>crystal near2 quartz)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:44 |
| S23<br>6 | 0   | (piezoelectric near2 single near2<br>crystal near2 quartz) and (isotope<br>or isotopic or isotopical or<br>isotopically) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:44 |
| S23<br>7 | 0   | (piezoelectric near5 single near5<br>crystal near5 quartz) and (isotope<br>or isotopic or isotopical or<br>isotopically) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:44 |
| S23<br>8 | 1   | (piezoelectric near10 single near10 crystal near10 quartz) and (isotope or isotopic or isotopical or isotopically)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:44 |
| S23<br>9 | 48  | (piezoelectric near10 quartz) and<br>(isotope or isotopic or isotopical or<br>isotopically)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:45 |
| S24<br>0 | 4   | (piezoelectric near10 quartz).ti,ab,<br>clm. and (isotope or isotopic or<br>isotopical or isotopically)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:47 |
| 524<br>1 | 3   | (piezoelectric near10 quartz) same<br>(isotope or isotopic or isotopical or<br>isotopically)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/15 12:47 |